

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

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| Applicant's or agent's file reference P.Q. 12,826 | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) | |
| International application No. PCT/GB00/00180 | International filing date (day/month/year) 24/01/2000 | Priority date (day/month/year) 22/01/1999 |
| International Patent Classification (IPC) or national classification and IPC H04B7/155 | | |
| Applicant CENTRAL RESEARCH LABORATORIES LIMITED et al. | | |

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 4 sheets, including this cover sheet.

- ☒ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 5 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of submission of the demand 22/05/2000 | Date of completion of this report 14.03.2001 |
| Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 | Authorized officer Staeger, R Telephone No. +49 89 2399 8124  |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB00/00180

I. Basis of the report

1. This report has been drawn on the basis of *(substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments (Rules 70.16 and 70.17).):*

Description, pages:

| | | |
|--------|---------------------|------------|
| 1,4-8 | as originally filed | |
| 2,3,3a | with telefax of | 20/02/2001 |

Claims, No.:

| | | |
|------|-----------------|------------|
| 1-12 | with telefax of | 20/02/2001 |
|------|-----------------|------------|

Drawings, sheets:

| | |
|---------|---------------------|
| 1/4-4/4 | as originally filed |
|---------|---------------------|

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

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EXAMINATION REPORT**

International application No. PCT/GB00/00180

- ☐ the description, pages:
☒ the claims, Nos.: 13-17
☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | | |
|-------------------------------|------|--------|------|
| Novelty (N) | Yes: | Claims | 1-12 |
| | No: | Claims | |
| Inventive step (IS) | Yes: | Claims | 1-12 |
| | No: | Claims | |
| Industrial applicability (IA) | Yes: | Claims | 1-12 |
| | No: | Claims | |

2. Citations and explanations
see separate sheet

V. Reasoned statement with regard to novelty and inventive step:

1. D1: US-A-2 271 691 cited in the description (page 1, line 29) discloses a method for transmitting data using carrier and data extraction from two remote sources for CDMA/FDMA and then re-combine the signals for use by a receiving station.
D2: EP-A-762 661 describes a receiver system for use with TDMA/CDMA modulation, the system using a channelised multi carrier signal processor capable of equalising power levels for individual carriers to within a predetermined dynamic range.
2. **Problem:**
To provide a method and apparatus suitable for the transmission of coded orthogonal frequency division multiplexed (COFDM) signals and in particular suitable to transmit digital video signals to a plurality of end users.
3. **Solution:**
The combination and order of the processing steps and - means as claimed is neither disclosed in one of the documents nor by the combination of two of them nor considered as obvious. Moreover, none of the documents D1 or D2 seems to be suitable for the transmission of a plurality of COFDM signals.
4. Basis for amended claims:
Claims 1 and 5 are based on original claims 1,2,6 and figure 1.
Claims 2-4 are renumbered original claims 3-5.
Claim 6 is based on figure 1.
Claims 7-12 = original claims 7-12.